From: Orme-Zavaleta, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3C5A111DC377411595E5B24B5D96146B-ORME-ZAVALETA, JENNIFER]

**Sent**: 2/1/2019 11:53:09 PM

To: Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]

CC: Bahadori, Tina [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Rodan, Bruce [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=Rodan, Bruce]; Jones,

Samantha [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=eac77fe3b20c4667b8c534c90c15a830-Jones, Samantha]; Thayer, Kris

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=3ce4ae3f107749c6815f243260df98c3-Thayer, Kri]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]

**Subject**: Re: Beyond Science and Decisions: Workshop X

Glad you talked w Mike. Would be good for Kris to attend in addition w Annie

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
Office of Research and Development
JIS. EDA.....

## Personal Matters / Ex. 6

```
> On Feb 1, 2019, at 4:19 PM, Dunlap, David <dunlap.david@epa.gov> wrote:
```

> Tina,

> Thank you for the follow up.

 $\cdot$  I asked Dr. Dourson for additional information on the PFAS case study. See attached email.

> It goes without saying that PFAS issues are and will continue to be a high priority for the Agency and ORD. It will be the public's expectation that we are the most knowledgeable stakeholder in this conversation. As I often say, EPA needs to be the smartest person in the room and that only comes from constantly striving to understand and incorporate new science as it is developed (no matter the source.) This case study should give the Agency greater insight into the potential dose-response relationship for PFOA and it may be useful as we consider any read-across approaches to preliminarily assess the large number of data poor PFAS compounds.

## **Deliberative Process / Ex. 5**

```
Thanks
>
 DDD
 David D. Dunlap
 O - Personal Matters / Ex. 6
> From: Bahadori, Tina
> Sent: Friday, February 1, 2019 11:22 AM
> To: Dunlap, David <dunlap.david@epa.gov>
> Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>;
Jones, Samantha <Jones.Samantha@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Vandenberg, John
<Vandenberg.John@epa.gov>
> Subject: RE: Beyond Science and Decisions: Workshop X
> David,
> We don't know much about the case studies yet, but you seemed to feel there might be relevance to some
of our PFAS assessment work. To this end, I asked Kris to rearrange her schedule and attend as well. Work
for you?
> Thanks.
```

```
> Tina
> From: Dunlap, David
  Sent: Wednesday, January 30, 2019 4:23 PM
> To: Bahadori, Tina <Bahadori.Tina@epa.gov<mailto:Bahadori.Tina@epa.gov>>
> Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov<mailto:Orme-Zavaleta.Jennifer@epa.gov>>; Rodan, Bruce <rodan.bruce@epa.gov<mailto:rodan.bruce@epa.gov>>; Jones, Samantha
<Jones.Samantha@epa.gov<mailto:Jones.Samantha@epa.gov>>; Thayer, Kris
<thayer.kris@epa.gov<mailto:thayer.kris@epa.gov>>; Vandenberg, John
<Vandenberg.John@epa.gov<mailto:Vandenberg.John@epa.gov>>
> Subject: RE: Beyond Science and Decisions: Workshop X
> Great to hear about Annie's participation. Thank you.
  Who in NCEA has been working directly on the PFAS issues?
  DDD
>
> David D. Dunlap
      Personal Matters / Ex. 6
> From: Bahadori, Tina
> Sent: Wednesday, January 30, 2019 4:12 PM
> To: Dunlap, David <dunlap.david@epa.gov<mailto:dunlap.david@epa.gov>>
 Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov<mailto:Orme-Zavaleta.Jennifer@epa.gov>>;
Rodan, Bruce <rodan.bruce@epa.gov<mailto:rodan.bruce@epa.gov>>; Jones, Samantha
<Jones.Samantha@epa.gov<mailto:Jones.Samantha@epa.gov>>; Thayer, Kris
<thayer.kris@epa.gov<mailto:thayer.kris@epa.gov>>; Vandenberg, John
<Vandenberg.John@epa.gov<mailto:Vandenberg.John@epa.gov>>
> Subject: RE: Beyond Science and Decisions: Workshop X
> David,
> I understand you expressed interest in having NCEA participate in this Workshop. I wanted to let you
know that we just cleared Annie Jarabek to attend. Annie is a senior risk assessor in NCEA-RTP, with
particular expertise in dose response modeling. Also, Kris is organizing a seminar to invite Mike Dourson
to present to the NCEA scientists about this and other work that might be relevant to our risk assessment
activities.
> Please let me know if you have any other questions.
>
  Tina
> From: Dunlap, David
> Sent: Monday, January 28, 2019 9:54 PM
> To: Bahadori, Tina <Bahadori.Tina@epa.gov<mailto:Bahadori.Tina@epa.</br>
<Thomas.Russell@epa.gov<mailto:Thomas.Russell@epa.gov<>>; Sams, Reeder

                Tina <Bahadori.Tina@epa.gov<mailto:Bahadori.Tina@epa.gov>>; Thomas, Russell
<Sams.Reeder@epa.gov<mailto:Sams.Reeder@epa.gov>>; Jones, Samantha
<Jones.Samantha@epa.gov<mailto:Jones.Samantha@epa.gov>>; Hines, Ronald
<Hines.Ronald@epa.gov<mailto:Hines.Ronald@epa.gov>>; Gillespie, Andrew
<Gillespie.Andrew@epa.gov<mailto:Gillespie.Andrew@epa.gov>>
> Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov<mailto:Orme-Zavaleta.Jennifer@epa.gov>>;
Rodan, Bruce <rodan.bruce@epa.gov<mailto:rodan.bruce@epa.gov>>; Beck, Nancy
<Beck.Nancy@epa.gov<mailto:Beck.Nancy@epa.gov>>
> Subject: FW: Beyond Science and Decisions: Workshop X
  See link below. Feb 26-27 in Houston. An interesting session on PFOA (1pm on Day 1).
> Is anyone from ORD planning to attend this meeting? If so, who?
>
  Thanks
> DDD
> David D. Dunlap
> O - Personal Matters / Ex. 6
> From: Michael Dourson <dourson@tera.org<mailto:dourson@tera.org>>
> Sent: Thursday, January 24, 2019 7:23 AM
> To: Dunlap, David <dunlap.david@epa.gov<mailto:dunlap.david@epa.gov>>
> Cc: James Bus <jbus@exponent.com<mailto:jbus@exponent.com>>; Carlin, Danielle (NIH/NIEHS) [E]
<danielle.carlin@nih.gov<mailto:danielle.carlin@nih.gov>>; Suzanne_Fitzpatrick
Suzanne.Fitzpatrick@fda.hhs.gov<mailto:Suzanne.Fitzpatrick@fda.hhs.gov>>; Johnson, Mark S CIV USARMY>
MEDCOM APHC (US) <mark.s.johnson.civ@mail.mil<mailto:mark.s.johnson.civ@mail.mil>>; Sabine Lange
<sabine.lange@tceq.texas.gov<mailto:sabine.lange@tceq.texas.gov>>; White, Kimberly
```

```
-<Kimberly_White@americanchemistry.com<mailto:Kimberly_White@americanchemistry.com>>; Pam Williams<
<pwilliams@erisksciences.com<mailto:pwilliams@erisksciences.com>>
> Subject: Beyond Science and Decisions: Workshop X
> Dear Mr. Dunlap
> We are pleased to announce the next workshop in the series "Beyond Science and Decisions," which is
continuing and expanding upon the discussion set forth by Science and Decisions: Advancement of Risk
Assessment (NAS, 2009<http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=202175>). The next workshop is
scheduled for February 26 and 27, 2019, at the offices of Texas Commission on Environmental Quality in
Austin, Texas. We have an exciting agenda to share with you at: https://tera.org/Alliance%20for%20Risk/TCE2018/Beyond_Science2018_Agenda.pdf. The agenda will include
several case studies and multiple talks across a variety of topics.
> Registration is free and can be found at:
https://tera.org/Alliance%20for%20Risk/workshop/WS10Registration.html. A block of hotel rooms is being
reserved at the HILTON GARDEN INN AUSTIN NORTH.
> Sincerely,
> James_Bus, Exponent
  Danielle Carlin, NIEHS
> Michael Dourson, TERA
> Suzanne Fitzpatrick, FDA
> Mark S. Johnson, USARMY
> Sabine Lange, TCEQ
> Kimberly White, ACC
> Pamela Williams, E Risk Sciences, LLP
> Risk Assessment Advisory Committee (RAAC)
> --Alliance for Risk Assessment (ARA), building a risk assessment community
> <Re: Beyond Science and Decisions: Workshop X.eml>
```